

## RECONFIGURABLE BY-WIRE FOOT PEDALS

### ABSTRACT OF THE DISCLOSURE

A vehicle chassis having substantially all of the mechanical, electrical and structural componentry necessary for a fully functional vehicle, including at least energy conversion system, a steering system and a braking system. The chassis is configured for releasable engagement with a variety of different types or styles of vehicle bodies. Various prior art mechanical control linkages between a driver and controlled systems are replaced with non-mechanical control signal transmission components. Fuel cell technology is also implemented. A system for adjustable, reconfigurable foot pedals is also shown for generating driver input to the by-wire braking systems and energy conversion systems and for providing control and comfort for the driver and/or a passenger.